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- (74) Agents: **SCHRELL, Andreas et al.**; Maybachstrasse 6A,
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(54) Title: **USE OF AZITHROMYCIN FOR THE MANUFACTURE OF A MEDICAMENT FOR TREATMENT OF NON-INFECTIVE INFLAMMATORY DISEASES**

(57) Abstract: The invention relates to the use of 9-deoxo-9-dihydro-9a-methyl-9a-aza-9a-homoerythromycin. A (generic name: azithromycin) for the therapy of neutrophil-dominated non-infective inflammatory diseases, pharmaceutical compositions containing azithromycin for enteral or parenteral administration and methods for the production of these pharmaceutical compositions.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/7048 A61P1/00 A61P11/00 A61P17/00 A61P29/00
A61P37/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, PAJ, BIOSIS, PASCAL, EMBASE, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

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Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

 International Application No
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 International Application No
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INTERNATIONAL SEARCH REPORT

International Application No

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INTERNATIONAL SEARCH REPORT

national application No.
PCT/EP 02/03984

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 2; 1 and 7-58 (partly)

Use of a pharmaceutical composition comprising azithromycin or derivatives thereof for the manufacture of a medicament for the treatment of neutrophil-dominated, non-infective inflammatory pulmonary disease.

2. Claims: 3; 1 and 7-58 (partly)

Use of a pharmaceutical composition comprising azithromycin or derivatives thereof for the manufacture of a medicament for the treatment of neutrophil-dominated, non-infective inflammatory skin disease.

3. Claims: 4, 6; 1 and 7-58 (partly)

Use of a pharmaceutical composition comprising azithromycin or derivatives thereof for the manufacture of a medicament for the treatment of neutrophil-dominated, non-infective inflammatory autoimmune disease.

4. Claims: 5; 1 and 7-58 (partly)

Use of a pharmaceutical composition comprising azithromycin or derivatives thereof for the manufacture of a medicament for the treatment of neutrophil-dominated, non-infective inflammatory intestinal disease.

INTERNATIONAL SEARCH REPORT

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